

# myLibrary

SURAT BERITA PERPUSTAKAAN SULTAN ABDUL SAMAD

BILANGAN 05



**Winner of  
Excellent Library Award 2011  
&  
Winner of  
Best Department in UPM  
2011 (1<sup>st</sup> Prize)**

**1** Kemeriahan  
Hari Bersama Pelanggan  
&  
'Wellness Week'

**2** Kecemasan di tempat kerja,  
Adakah anda bersedia?

**3** Research Tool: SUBJECT GUIDES

**4** Analysis of Engineering Publications in Malaysia





## PEMBUKA BICARA

Bersyukur kita ke hadirat Ilahi dengan izin-Nya kita dapat bertemu kembali dalam surat berita Perpustakaan Sultan Abdul Samad (PSAS), iaitu *MyLibrary* bilangan ke Lima.

Berita utama yang dipaparkan ialah sejarah baru yang dilakar oleh PSAS kerana berjaya merangkul dua anugerah dalam masa yang singkat, iaitu Anugerah Perpustakaan Cemerlang peringkat Kebangsaan 2011, dan Anugerah Pusat Tanggungjawab Terbaik 2011 peringkat UPM. Anugerah ini merupakan pengiktirafan kepada staf PSAS yang telah berusaha dengan gigih untuk memberi perkhidmatan yang terbaik untuk pelanggan.

Mulai keluaran ini, artikel penulisan pustakawan turut diterbitkan bagi menggalakkan aktiviti penulisan di kalangan pustakawan. Liputan berita mengenai aktiviti PSAS seperti Wellness Week dan 'Hari Bersama Pelanggan' turut dipaparkan. Selain itu, terdapat juga maklumat mengenai pangkalan baru yang dilanggan oleh PSAS. Ini bertujuan meningkatkan penggunaan pangkalan data di kalangan warga UPM.

Akhir kata, semoga pengguna dapat memanfaatkan segala kemudahan dan perkhidmatan yang disediakan oleh PSAS. Sebarang pendapat dan cadangan dialu-alukan untuk tujuan penambahbaikan perkhidmatan kami.

Sekian,

MOHD DASUKI SAHAK  
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## ISI KANDUNGAN

Perutusan Tahun Baru Ketua Pustakawan .....	02
Winner of Excellent Library Award 2011 .....	03
Winner of Best Department in UPM 2011 .....	04
Wellness Week .....	05
Hari Bersama Pelanggan .....	06
Tahukah Anda? .....	07
Soal jawab Perpustakaan @ Facebook .....	08
EBSCOHost Discovery Services .....	09
Kecemasan di tempat kerja .....	11
Reference Services .....	13
Liaison Librarians .....	14
Analysis of Engineering Publications in Malaysia .....	15
Book Review .....	19
Databases .....	20
Steve Jobs .....	21
Wacana Ilmu .....	22

## SIDANG PENGARANG

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**Amir Hussain Md. Ishak**

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**Rosmala Abdul Rahim**

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**Hawa Abdul Majid**

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**Mohd Dasuki Sahak**

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*My Library* merupakan surat berita Perpustakaan Sultan Abdul Samad, UPM. Penerbitan ini bertujuan menyampaikan informasi perkhidmatan dan kemudahan yang terdapat di PSAS.

Hantarkan komen dan pendapat anda bagi meningkatkan mutu penerbitan *My Library* melalui saluran komunikasi berikut:

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## PERUTUSAN TAHUN BAHARU KETUA PUSTAKAWAN

SERDANG, 16 Feb - Dalam Perutusan Ketua Pustakawan 2012, Encik Amir Hussain Md. Ishak membentangkan laporan setiap bahagian PSAS, kajian kepuasan pelanggan, key performance index, sumber manusia dan penambahbaikan sepanjang tahun 2011.

Beliau turut mengulas kejayaan PSAS mencapai petunjuk prestasi utama (KPI) sebanyak 96.29% pada tahun 2011. Beliau menjelaskan kejayaan itu merupakan hasil usaha setiap bahagian dalam PSAS.

Beliau yakin KPI PSAS boleh ditingkatkan lagi dengan motivasi dan produktiviti yang lebih mencabar.

Pada akhir majlis, beliau merakamkan penghargaan di atas sumbangan pegawai-pegawai PSAS dan berbesar hati menyampaikan Sijil Khidmat Cemerlang 2010 kepada 76 orang pegawai PSAS.

Seramai hampir 100 orang staf PSAS menghadiri majlis yang diadakan di Bilik Termasa, manakala staf Perpustakaan

Kampus Bintulu, Sarawak turut berpeluang mengikuti majlis ini secara langsung melalui telepersidangan video.



Warga PSAS yang menghadiri majlis

### Pencapaian dan penambahbaikan tahun 2011

1. Menaiktaraf Laman Web Perpustakaan
2. Membangunkan Pangkalan Data e-Thesis
3. Membangunkan Pangkalan Data e-Gallery
4. Mengemaskini AGRIS (International System for Agricultural Science and Technology)
5. Membangunkan Sistem Statistik PSAS
6. Membangunkan Portal Subject Guide
7. Telepersidangan video
8. Pengimbas Zuetschel
9. Menaiktaraf Book Drop di Bahagian Sirkulasi
10. Bangunan Baharu Perpustakaan Kejuruteraan dan Seni Bina



Penyampaian Sijil Anugerah Cemerlang



En Amir Hussain sedang menyampaikan amanat kepada warga PSAS





# WINNER OF EXCELLENT LIBRARY AWARD

by: Hawa Abdul Majid

KUALA LUMPUR, 7 MAY - Perpustakaan Sultan Abdul Samad emerged as the winner of Excellent Library Award 2011 for large library category. The award was received from BERNAMA Chief, Datuk Yong Soo Heng, in conjunction with the Annual General Meeting of the Librarians Association of Malaysia 2012 held at Kuala Lumpur Library.

Library Excellent Award, organized by the Librarians Association of Malaysia, is a national competition held every two years beginning 2005, and is divided into three categories; large library, medium library and small library. The awards recognize the role of libraries in a society that is knowledgeable and progressive as well as enhance the image of libraries and librarianship profession and assess the progress and achievements of libraries in Malaysia.

The evaluation for the award is based on written documentation as well as observations during the audit visit. The main emphasis of the evaluation is on the diversification of promotional activities, creativity and innovation in attracting users toward library services and

resources; good collection development policy; adequate infrastructure; and computerized library management system.

In additional, PSAS scored winning points in terms of using university merit points for information literacy programs among new students; the library's computer system that are maintained fully by librarians, who also developed in house applications; and provision of facilities for post graduate students.



Encik Amir Hussain receiving the award from Y.Bhg Dato Yong



Vice Chancellor delivered the speech

UPM, 8 MAY - Perpustakaan Sultan Abdul Samad emerged as the Winner of Best Department in UPM. The award was received by Encik Amir Hussain Md Ishak, Chief Librarian, from The Vice Chancellor of UPM, Y.Bhg. Dato' Ir. Dr. Radin Umar Radin Sohadi in conjunction with the Workers Day Celebration held at UPM.

The criteria for the competition is based on awards that the department has received, OSHA activities and reports, management of customers' response, quality audit report, facilities and activities that cultivate harmony among the staff.



Dato' Wan Azman lead the pledge reading

# BEST DEPARTMENT IN UNIVERSITI PUTRA MALAYSIA (1ST PRIZE)

by: Hawa Abdul Majid



Encik Amir Hussain receiving the award from the Vice Chancellor, Dato' Ir. Dr. Radin Umar



# PROGRAM WELLNESS WEEK

Badan Sihat Minda Cerdas...

SERDANG, 3 APRIL – Berbekalkan usaha murni untuk meningkatkan kesedaran tentang kepentingan kesihatan, Perpustakaan Sultan Abdul Samad (PSAS) menganjurkan Program *Wellness Week* dari 3 hingga 6 April 2012 sempena dengan Sambutan Hari Kesihatan Sedunia.

Majlis Perasmian Program *Wellness Week* disempurnakan oleh En. Amir Hussain Md Ishak, Ketua Pustakawan UPM, dan dihadiri lebih 150 orang staf dan pelajar UPM. Wakil dari Pejabat Kesihatan Daerah Petaling turut hadir dengan mengadakan pameran kesihatan. Amir Hussain berkata penganjuran program seumpama ini adalah atas dasar tanggungjawab sosial terhadap pengguna Perpustakaan, di samping mempromosikan fungsi perpustakaan sebagai agen penyebaran maklumat di universiti.

Puan Hawa Abdul Majid, Penyelaras Program *Wellness Week* 2012 dalam ucapan aluan berkata walaupun program ini diadakan dalam skala yang kecil, sambutan yang luar biasa diterima oleh PSAS. Ini menunjukkan warga UPM kini mempunyai kesedaran yang tinggi tentang kepentingan kesihatan dan amalan hidup sihat.

Terdapat tujuh (7) aktiviti utama yang berjaya menarik ramai penyertaan warga UPM seperti ceramah kesihatan, pameran, tayangan video, saringan kesihatan, wellness run, derma darah dan senaman aerobik. Kesemua aktiviti diadakan berdasarkan slogan program iaitu "Badan Sihat Minda Cerdas".

Program ini turut mendapat kerjasama dan bantuan dari pihak Bahagian Hal Ehwal Pelajar, Pusat Kesihatan Universiti, Pusat Sukan, Taman Pertanian Universiti, Bahagian Keselamatan, Pusat Darah Negara dan Pejabat Kesihatan Daerah Petaling. Semoga usaha murni seperti ini dapat diadakan lagi pada masa akan datang.



Majlis diresmikan oleh Ketua Pustakawan, En. Amir Hussain Md Ishak



Aktiviti derma darah



Peserta Wellness Run

Oleh: Mohd Dasuki Sahak

# HARI BERSAMA PELANGGAN

"Pelanggan Berinformasi, Matlamat Kami"

Oleh: Mohd Dasuki Sahak



Sembang pagi bersama Ketua Pustakawan



Lawatir Ketua Pustakawan ke booth pangkalan data



Sepetang bersama An Masarah (Novelis)



Majlis pendahuluan



Cenderahati kepada setiap wakil pembekal pangkalan data

SERDANG, 19 APRIL - Bertemakan slogan "Pelanggan Berinformasi, Matlamat Kami", Perpustakaan Sultan Abdul Samad (PSAS) telah berjaya menganjurkan Program Hari Bersama Pelanggan dari 19<sup>th</sup> hingga 21<sup>th</sup> April 2012. Majlis Perasmian disempurnakan oleh En. Amir Hussain Md Ishak, Ketua Pustakawan UPM dan dihadiri lebih 150 orang staf dan pelajar UPM. Majlis pelancaran UPM *Institutional Repository* dan *E-Thesis* turut disempurnakan semasa majlis perasmian tersebut.

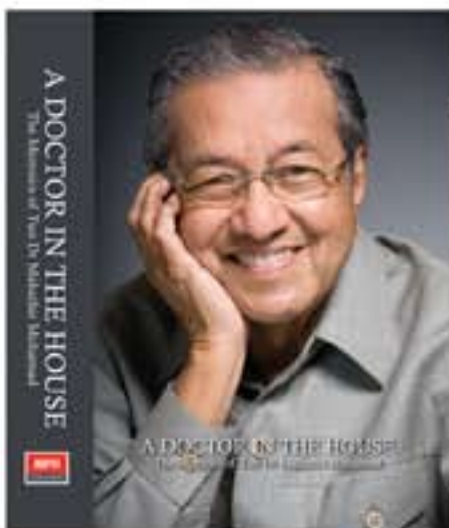
Pelbagai aktiviti menarik bersama pelanggan telah diadakan seperti Sembang Pagi bersama Ketua Pustakawan, Pertandingan Fotografi, Anugerah Khas Pelanggan, *Library Info Hunt*, cabutan bertuah, dan *Learn and Win*. Pembukaan gerai-gerai jualan buku, komputer dan produk Industri kecil dan sederhana serta kehadiran crew media Hot FM Zoomers dari Radio Hot FM yang membuat liputan Zon Ulat Buku turut memeriahkan dan menggamatkan lagi suasana.

Pihak Hal Ehwal Pelajar UPM turut menyokong program ini dengan meluluskan penggunaan kupon merit kolej kepada pelajar yang terlibat. Kejayaan program ini hasil daripada perancangan teliti sejak tahun lepas oleh ahli Jawatankuasa yang dipengerusikan oleh Encik Muzaffar Shah Kassim, Timbalan Ketua Pustakawan (Perkhidmatan). Muzaffar Shah berkata konsep program yang santai dan berinformasi mampu mengeratkan hubungan kerjasama di antara warga PSAS dengan pelanggan, disamping mempromosi perkhidmatan perpustakaan.

Kaunter pangkalan data turut dibuka oleh pihak pembekal pangkalan data sepanjang program seperti Access Dunia, EBSCOhost, Springer Link, IEEE, Taylor & Francis, John Wiley, Elsevier, Emerald dan ProQuest. Encik Muhammad Hussein Abdullah, seorang pelajar UPM, berkata banyak maklumat mengenai pangkalan data diperoleh menerusi aktiviti *Learn and Win*. Aktiviti ini mampu membantu pelanggan mengenali dan mengetahui strategi pencarian maklumat. Kuiz mengenai pangkalan data turut diadakan dengan disertai lebih 200 orang peserta.



# Tahukah Anda



Buku 'A Doctor in The House: The Memoirs of Tun Dr Mahathir Mohamad' berjaya dijual sebanyak 25,000 naskah dalam minggu pertama pelancarannya. Buku ini berkisar tentang mengenai memoir Tun Dr Mahathir Mohamad sepanjang menjadi Perdana Menteri Malaysia selama 22 tahun.



Pemandangan luar tingkap di pejabat mempengaruhi psikologi, prestasi dan kesihatan visual yang baik terhadap pekerja. (Kan dan Hasirci, 2011).



Steve Jobs adalah penyampai hebat di pentas dunia. Ramai yang sanggup datang sehari lebih awal ke lokasi persembahan Steve bagi memastikan mereka mendapat kerusi terbaik dalam sesinya. Ramai peminatnya mengancam mahu memboikot acara Apple hanya kerana Steve Jobs tidak lagi memberikan ucap-tama yang biasa dilakukannya selama bertahun-tahun! (Gallo, 2010).

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Quote of the day ~~~~ ("...")



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Bakari Hapli so true/fantastic

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Raggin Perik  
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HTTPS://WWW.FACEBOOK.COM/UPMLIB



# RESEARCH TOOL: SUBJECT GUIDES

By Azwana Ab Rahman

Subject Guide is our initiative in providing better services to lecturers, researchers and students in preparing their research work. This tool was developed since 2011 by our librarians.

Subject Guide is a quick way to obtain authoritative and reliable information about a subject. It is a starting point to help users in finding information they require, besides helping users to successfully navigate the library resources. They can also save their time in identifying some of the major and specialized sources in their research area.

Currently, three (3) subject guides were developed i.e. agriculture, education and food science and technology. Each subject guide provides a list of resources including books, journals, databases, websites, as well as other resources which would assist students with their research. More subject guides which cover the study fields in UPM will be developed in the near future.

This tool can be accessed via our website at <http://www.lib.upm.edu.my/study/>

## SUBJECT GUIDE ON AGRICULTURE

This guide has been designed to provide an overview of resources available for the study and research in agricultural science, land and water science, horticulture, turf management, agriculture and natural resource economics, animal science, forestry, aquaculture and etc.



## SUBJECT GUIDE ON EDUCATION

This guide has been designed to provide an overview of resources available for the study and research in educational studies, language and humanities education, science and technical education, professional development and continuing education, counselor education and counseling psychology, education sport studies and etc.



## FOOD SCIENCE AND TECHNOLOGY SUBJECT GUIDE

This guide has been designed to provide an overview of resources available for the study and research in Food Science and Technology area.





Oleh: Mohd Dasuki Sahak

# Kecemasan dan Kemalangan di Tempat Kerja ADAKAH ANDA BERSEDIA?

Akta Keselamatan dan Kesihatan Pekerjaan 1994 (Akta 514) telah dikuatkuasakan pada 25 Februari 1994. Matlamat utama akta ini ialah untuk memupuk komitmen majikan dan juga pekerja terhadap amalan keselamatan dan kesihatan pekerjaan. Oleh itu, langkah penguatkuasaan akta ini merupakan satu daripada usaha kerajaan untuk membendung kejadian-kejadian kemalangan dan penyakit pekerjaan di negara ini yang kian meningkat sejak beberapa tahun kebelakangan ini.

## PASUKAN TINDAKAN KECEMASAN (ERT)

Ditubuhkan oleh sesebuah premis tertentu dalam usaha memantau serta menyelaras program-program berkaitan pencegahan dan keselamatan kebakaran. Penubuhan ini adalah selaras dengan peruntukan dibawah Akta Kesihatan dan Keselamatan Pekerjaan (OSHA) bagi memastikan setiap premis yang mempunyai lebih daripada 40 orang pekerja perlu menubuhkan Pasukan Tindakan Kecemasan (Emergency Response Team) atau lebih dikenali dengan nama singkatan Pasukan ERT.



Ahli Pasukan Tindakan Kecemasan PSAS



Ahli pasukan sedang menjalani Latihan Asas Kebakaran



## PERANAN PASUKAN TINDAKAN KECEMASAN

- Sebagai *first responder* dalam memastikan tindakan awal dapat diambil bagi mengawal dan memadam kebakaran peringkat permulaan
- Mengenalpasti dan merancang serta memantau aspek-aspek pencegahan dan tindakan-tindakan yang perlu bagi menghindarkan bahaya-bahaya kebakaran.
- Mengadakan peraturan-peraturan keselamatan dan melaksanakan setiap peraturan tersebut melalui latihan dan pemantauan.
- Membantu Jabatan Bomba dan Penyelamat dengan memberi bantuan dan khidmat kemanusiaan dalam apa jua keadaan sekiranya berlaku sesuatu insiden dalam premis berkenaan.
- Memastikan peralatan pencegahan kebakaran yang sedia ada di premis diselenggara secara berkala.

## LATIHAN PENGUNSIAN BANGUNAN (FIRE DRILL)

Latihan Pengunsian Bangunan (Fire Drill) bermaksud satu latihan menyelamatkan diri semasa berlaku kebakaran melalui pintu dan tangga yang ditetapkan ke tempat yang selamat. Latihan ini bertujuan mendapatkan pengetahuan serta kemahiran mengenai garispanduan dan tatacara melepaskan diri apabila berlaku kebakaran.

## TUJUAN LATIHAN FIRE DRILL

1. Penghuni-penghuni yang terancam mampu bertindak dengan tenang dan teratur.
2. "Means of escape" digunakan mengikut kaedah dirancang (10-12 minit)
3. Pengunsian cepat dan teratur.
4. Latihan petugas yang dilantik mengikut prosedur.
5. Uji keupayaan / keberkesanan alatan kebombaan yang ada.



## JAWATANKUASA KESELAMATAN DAN KESIHATAN PEKERJAAN PSAS

Pada tahun 2011, Jawatankuasa Keselamatan dan Kesihatan Pekerjaan telah ditubuhkan di PSAS. Jawatankuasa ini dipengerusikan oleh Puan Rosmala Abdul Rahim, Timbalan Ketua Pustakawan (Perancangan dan Pembangunan). Jawatankuasa bertanggungjawab menggalakkan pematuan perjalanan kerja yang selamat dan sihat di kalangan staf PSAS. Terdapat empat Jawatankuasa Kecil di bawah JKPP seperti berikut:

1. Jawatankuasa Tindakan Kecemasan
2. Jawatankuasa Pengurusan Aduan/Kemalangan
3. Jawatankuasa Latihan
4. Jawatankuasa Teknikal/Makmal/Audit

## PASUKAN TINDAKAN KECEMASAN DI PSAS

Di PSAS, Jawatankuasa Kecil Tindakan Kecemasan berperanan menguruskan Pasukan Tindakan Kecemasan. Seramai 30 orang staf dilantik menjadi Ahli Pasukan Tindakan Kecemasan bagi mewakili setiap bahagian. Bagi memantapkan kecekapan pasukan, pihak pengurusan PSAS telah meluluskan peruntukan kewangan untuk mengadakan latihan berkaitan keselamatan, kebakaran dan kecemasan.

Berikut merupakan taklimat dan latihan yang telah diberikan kepada Pasukan Tindakan Kecemasan sepanjang tahun 2011:

1. Taklimat penubuhan pasukan
2. Kursus Keselamatan Kebakaran Asas di Balai Bomba Seri Kembangan
3. Bengkel Pemantapan Jati Diri Pasukan Tindakan Kecemasan
4. Latihan Berkala Kawad Kecemasan
5. Latihan Pengunsian Bangunan (fire drill exercise)



Latihan pengunsian bangunan di PSAS pada tahun 2011



By: Siti Razimah Mohd Noor

# LITERATURE SEARCH SERVICE



This service provides assistance/advice to students and staff in information search for their research projects, working papers and coursework. The librarian will perform literature search on your topic in the appropriate databases and will provide a list of references. This service is provided by the Reference Division at a minimal cost.

## CATEGORY OF USERS

1. UPM students
2. UPM staff
3. PSAS Members
4. Outsiders (Individual/government/private)

## INFORMATION RESOURCES

1. Library Catalogue
2. Local and International Subscribed databases
3. Printed materials
4. Internet

For more information and to obtain services, please contact :-  
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## TERMS OF REQUEST

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2. Users are requested to pay for the service charge as deposit, upon request.
3. Customer will be informed within 5 days via phone or email for further explanation or to collect the results.

This service is provided to cater to the specialized assistance required by the academic staff and students of each Faculty/Institute/Centre at UPM. Liaison librarians will assist all faculty members and students in their respective field, to enable them to use the library effectively and strategically. Please contact your liaison librarians or meet them at the Information Management Division, Level 1, A Block.

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# Analysis of Engineering Publications Affiliated in Malaysia

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## Abstract

This study analysed the publications by researchers affiliated in Malaysia in the field of engineering. The study used bibliometrics method to examine the patterns of Malaysian publications in engineering, published from 2000 to 2010. There were 11,819 bibliographic records gathered from Scopus database. The statistics gathered showed that most of the authors in this field were frequent contributors. The main types of publication produced were conference papers and journal articles which represented 99.907% of the publications written in English. The consistent trend in engineering was the collaborative research activities. The findings indicated that Malaysian researchers have considerably enhanced their influence especially from 2007 onwards and have made significant contributions to the global engineering studies.

**Keywords:** Authorship pattern; Authorship; Bibliometrics; Bibliometric analysis; Publication productivity; Research productivity; Engineering; Malaysia  
**Paper type:** Research paper

## Introduction

Bibliometrics is the use of statistical analyses to study publication patterns. It can be a valuable tool for describing and promoting scientific productivity (McBurney and Novak (2002)). Today citations are used to rank journals, research groups, laboratories, universities and nation states. And not infrequently, they are factored into the promotion and tenure decision-making process, a perennial topic of lively debate (Cronin and Atkins (2000)).

After conceiving an idea for a research project, the researcher has to decide whether to pursue the idea alone or to seek partners with whom to collaborate. The co-authorship decision is important because it is likely to affect the project's quality, efficiency of execution, and exposure, as well as the amount of credit an author receives following its eventual publication. Ultimately, the co-authorship decision will partly determine how efficiently a researcher uses her or his human capital, converting research effort into research outcome (Vafeas (2010)).

The scope of the study is limited to publications affiliated in Malaysia published within 2000 to 2010 in engineering subject indexed in Scopus database. The study is to examine authorship pattern specifically proportion of single versus multi-authored papers, collaboration and language distribution of publications.

## Method

This study uses bibliometrics method which examines patterns of Malaysian authorship publications in engineering, published from 2000 to 2010. The bibliographic records were gathered from Scopus at the end of December 2010. Scopus was chosen because it comprises a huge number of publishers, multidiscipline, more of Asian content and subscribed by the Library. Verification of data was complemented by the printed and electronic version of the journals and related websites. Analysis on the number of author/authors per document, country of collaboration, organizational category, top publications and citations, and language distribution were done using Microsoft Excel and SPSS.



## Findings and Discussion

A total of 11,819 publications were discovered to have been published in engineering subject affiliated in Malaysia within 2000 to 2010. These publications were contributed by 43,107 authors. Figure 1 showed the number of publications from 2000 to 2010. The number/volume of publications pertaining to engineering has been on an increasing trend from 2004 to 2007. The increase in the number of publications from 2008 to 2009, is very substantial as compared to the earlier years.

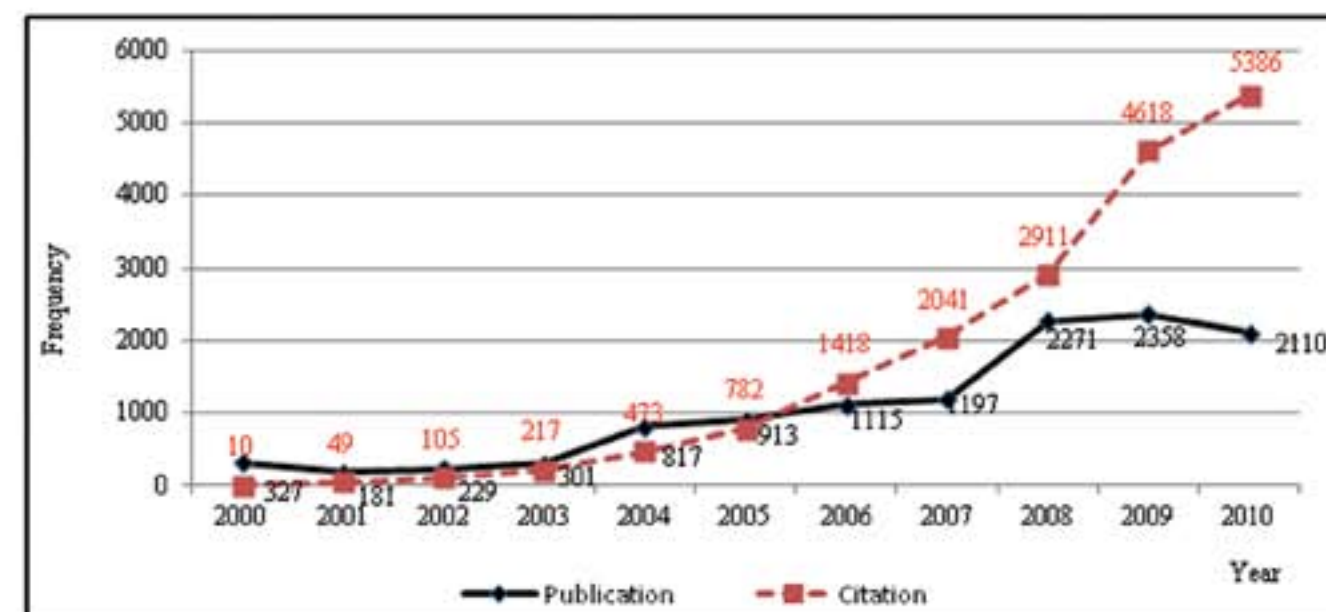


Figure 1: Number of Malaysia affiliated publications and citations in engineering

The number of citations pertaining to engineering has also been an increasing trend. The 11,819 documents had attracted a total of 18,357 citations. This indicated that more researchers might have the same interest in increasing research activities and Malaysian researchers were becoming more prominent in the engineering discipline. As displayed in Figure 1, publications and citations in early years were about the same rates. Starting from year 2006, the number of citations was greater than publications, at an approximately 303 counts. This increase was faster and greater than the rate of publications published within the same period. The value for h index is 39 (of the 11819 documents considered for the h-Index, 39 have been cited at least 39 times).

The findings indicated that Malaysian researchers had significantly enhanced their influence from 2007 onwards.



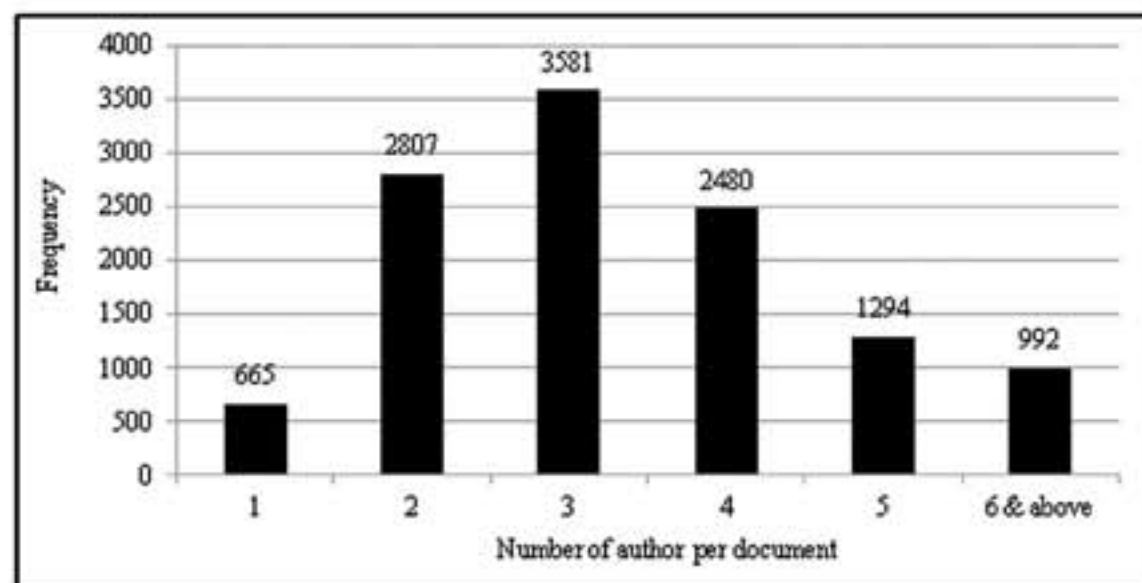


Figure 2: Authorship pattern

Figure 2 indicated the predominance of multi-authored papers over single authored papers. There were 665 (5.63%) single authorship papers and 11,154 (94.37%) multi authorship papers. A further breakdown shows that there were 2807 papers with two authorship, 3581 papers with three authorship, 2480 papers with four authorship, 1294 papers with five authorship and 992 papers with six authorship and above. It was likely that most publications was to be co-authorship by at least three authors.

The degree of collaboration in engineering had been increasing from 2002 to 2005 and 2007 to 2010. This indicated the declining trend of single authored papers and an increasing trend towards collaborative research. This result is in accordance with the findings by Terry (1996), Atinmo and Jimba (2002), Krishna and Kumar (2004), Acedo et al. (2006), Manton and English (2007) and Zafrunnisha and Pullareddy (2009) where co-authorship was found to be popular. According to Vafeas (2010), the increase in the number of multi authored papers may be due to the collaboration of specialists leading to enhance quality of research.

Engineering publications were dominated by authors from research universities i.e. Universiti Teknologi Malaysia (1,649 authors), Universiti Kebangsaan Malaysia (1,471 authors), Universiti Sains Malaysia (1,429 authors), Universiti Putra Malaysia (1,349 authors) and University Malaya (1,272 authors). Authors from Multimedia University had also contributed a large number of publications (1,225 papers). Authors from Universiti Teknologi MARA, International Islamic University Malaysia, Universiti Tenaga Nasional and Universiti Malaysia Perlis contributed less than a thousand publications each.

A complete dominant of the publication arena were by researchers from universities/colleges – 381 (54.1%), followed by researchers in company – 184 (26.1%), institutes/research centers – 115 (16.4%), hospitals – 9 (1.3%), government agencies – 9 (1.3%) and associations – 5 (0.7%).

National collaboration of Malaysian authors were 24.3% whereas the international collaboration were greater i.e. 76.7%. Highest collaboration were from United States (11.2%), followed by India (8.8%), United Kingdom (8.0%), Japan (6.7%), Australia (5.1%), Canada (2.7%), Germany (2.6%), France (2.1%), Indonesia (2.0%), China (1.8%) and other 54 countries (32.6%).

The types of resources were conference proceedings (55.7%), journals (42.3%), book series (1.3%), trade publications (0.5%) and books (0.1%). Document types were conference papers (57.6%), articles (38.6%), article in press (1.8%), review (1.1%), editorial (0.5%), erratum (0.1%), note (0.1%), letter (0.1%) and short survey (0.0%).

Research papers were published in various languages. Most of the publications were in English (99.907%). The remaining publications were published in Japanese (0.034%), Turkish (0.025%), Bosnian (0.008%), German (0.008%), Polish (0.008%) and Russian (0.008%).

### Conclusion

The degree of collaboration of authors affiliated in Malaysia in the engineering discipline revealed a noticeable upward trend of collaborative engineering research. The number of collaborative papers indicated that the collaborative nature of research is extensively growing. Collaboration was not a problem among engineering researchers on the Malaysian scene. This study indicated that engineering research in Malaysia had moved towards internationalization, and Malaysian researchers had made significant contributions in global engineering studies. A detailed analysis of the relative contributions of Malaysian authors to international engineering research has important implications for strategic planning in research and research policies in the country.

Paper presented by Pn Salmah Abdullah at Athens, Greece.

*Galilah sumur sebelum anda merasa haus..  
Dig a well before you become thirsty..*



Photo by Nur Raihan Che Nawi



## TITLE:

**Taxes and the economy : A survey on the impact of taxes on growth, employment, investment, consumption and the environment.**

## AUTHOR:

**W A Vermeend,  
Frederick van der Ploeg,  
Jan Willem Timmer**

## PUBLISHER:

**Edward Elgar Publishing**

## YEAR OF PUBLICATION:

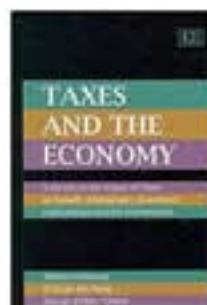
**2008**

## CALL NUMBER:

**HJ 2305 V523**

## ISBN:

**978-1-84720-115-7**



Since World War II OECD countries have increasingly used taxation to achieve a variety of economic policy objectives of which stimulating economic activity and employment are usually the most important. This book discusses the effects of taxation on the economic growth, employment, investment, consumption and the environment. The authors aim to provide the reader with the necessary empirical information, while at the same time presenting an overview of the latest theory and best practices.

## TAJUK:

**Pengaturan sendiri di dalam pengurusan keselamatan dan kesihatan pekerjaan.**

## AUTHOR:

**Ismail Bahari, PhD**

## PENERBIT:

**Mc Graw Hill**

## TAHUN PENERBITAN:

**2002**

## NO. PANGGILAN:

**L T 55 I83**

## ISBN:

**983-9340-90-5**



Buku ini ditulis dengan kesedaran bahawa kejayaan membudayakan kerja selamat tidak terlepas daripada pematuan undang-undang sahaja. Sebaliknya ia lebih tertumpu terhadap pengurusan yang cemerlang berdasarkan prinsip pengaturan sendiri. Prinsip ini lebih bermakna dan berjaya jika mereka yang terlibat mempunyai pengetahuan mengenai falsafah dan prinsip mengapa dan bagaimana pengurusan ini dilakukan, dan seterusnya kaedah yang boleh diamalkan dan dibudayakan sebagai satu sistem kerja selamat.

## TITLE:

**Quality assurance in analytical chemistry**

## AUTHOR:

**Werner Funk,  
Vera Dammann,  
Ann Gray,  
Gerhild Donnevert**

## PUBLISHER:

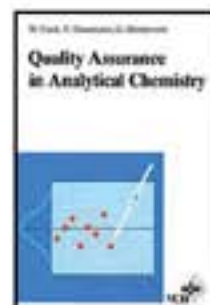
**Weinheim**

## YEAR:

**1995**

## CALL NO:

**QD 75.4 Q34 F982 2007**



The authors of this best-selling title shared their proven and integrated concept for quality assurance. A new edition is enhanced by a chapter on the important topical subject of measurement uncertainty, plus a CD-ROM with interactive examples in the form of Excel-Spreadsheets. This allow readers to gain an even better comprehension of the statistical procedures for quality assurance, while also incorporating their own data.

## TITLE:

**Introduction to probability and statistics for science, engineering and finance**

## AUTHOR:

**Walter A. Rosenkrantz**

## PUBLISHER:

**CRC Press**

## YEAR:

**2009**

## CALL NO:

**QA 273 R84**



This book begins with the basic needed to understand and create tables and graphs produced by standard statistical software packages, such as Minitab, SAS and JMP. It also includes applications of standard statistical concepts and methods, an introduction to modern portfolios theory, mean-standard deviation diagram of collection portfolios, the black-schools option pricing formula and testing the efficient market hypothesis.

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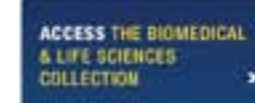
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(OUP)**



**CAB Abstract Archive**



**World E-Book Library**



**Biomedical and  
Life Science Collection**



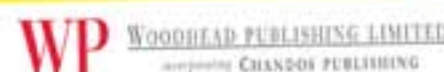
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Visualized Experiment**



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**Malaysian Construction Research  
Journal**



**SMI/SME  
Business Directory  
2010**



# STEVE JOBS



## RAHSIA PENYAMPAIAN HEBAT STEVE JOBS

### Tip 1: Perancangan Analog

Steve Jobs membayangkan, merancang dan mewujudkan idea dengan teliti sebelum memulakan pembentangan.

### Tip 2: Jawab Satu Soalan Terpenting

Para pendengar selalu bertanya satu soalan kepada diri masing-masing. Hanya satu soalan sahaja. "Mengapa saya perlu berikan perhatian?". Sekiranya penyampai tidak memberikan perhatian kepada soalan ini, para audiens tidak akan memberikan perhatian.

### Tip 3: Wujudkan Tajuk Utama seperti Tajuk di Twitter

Laman rangkaian sosial sudah mengubah cara kita berkomunikasi. Tajuk utama perlu sepanjang 140 karakter sahaja supaya mampu membantu menjual idea kamu dengan lebih berkesan.

### Tip 4: Melukis Peta Jalan

Steve Jobs memastikan hujahnya mudah diikuti oleh pendengar dengan menggunakan bahasa yang ringkas dan padat.

### Tip 5: Perkenalkan Antagonis

Dalam setiap penyampaiannya yang hebat, Steve Jobs memperkenalkan watak penjahat yang dapat ditentang bersama-sama dengan para audiens.

### Tip 6: Mewujudkan Hero yang Hebat

Dalam setiap penyampaiannya yang hebat, Steve Jobs memperkenalkan hero yang boleh disanjung oleh para audiens. Hero itu menawarkan kaedah baru melakukan sesuatu dan memberi inspirasi kepada orang ramai dengan menggalakkan inovasi dalam melakukan sesuatu.



"Nabi Muhammad SAW bersabda yang bermaksud: "Barang siapa tidak peduli dari mana ia memperoleh hartanya, nescaya Allah tidak akan peduli dari pintu mana Dia memasukkannya ke dalam neraka."  
(Hadis riwayat Abu Manshur Ad-Dailami)"

## "Isu Halal : Pengalaman dan Cabaran"

PSAS / 23 MAC – Usaha meningkatkan kesedaran tentang aspek isu halal kian berkembang pesat. Di Malaysia, Persatuan Pengguna Islam Malaysia (PPIM), Kuala Lumpur merupakan salah sebuah persatuan pengguna yang begitu lantang bersuara memperjuangkan isu-isu berkaitan produk halal demi kepentingan umat Islam. Justeru itu, PSAS telah mengambil inisiatif menjemput Dr Izham Nayan, wakil PPIM untuk menyampaikan ceramah bertajuk "Isu Halal : Pengalaman dan Cabaran".

Ceramah yang disampaikan oleh Dr Izham Nayan membongkarkan banyak perkara yang berkaitan isu halal dan peranan umat Islam dalam membantu isu halal di Malaysia. Menurut Dr Izham Nayan, isu halal bukan sahaja melibatkan bahan-bahan makanan tetapi turut melibatkan aspek pengeluaran, penghantaran dan penyimpanan stok makanan di gudang-gudang dan premis perniagaan.

Sesi ceramah ini telah diadakan sebanyak dua kali, rentetan daripada permintaan warga UPM yang tidak dapat mengikuti sesi sebelum ini. Manakala, ceramah kedua berjaya menarik kehadiran seramai 200 orang peserta yang terdiri daripada staf PSAS dan UPM. Ceramah diadakan di Bilik Termasa, PSAS.

Bagi mendapatkan maklumat lanjut, pembaca boleh melayari blog Dr Izham Nayan di alamat <http://izhamnayan.blogspot.com>. Semoga perkongsian maklumat seperti ini memberi manfaat kepada kita semua.

Oleh: Fazlin Shamsudin







Susunatur mesra pelanggan,  
Kekemasan praktikal dan kebersihan menjadi nadi utama,  
Sempurnalah ilmu sebagai cahaya kehidupan.

Photo oleh Ahmad Fauzi Kamarudin,  
Fakulti Bioteknologi & Sains Biomolekul  
Juara Pertandingan Fotografi "Perpustakaan Menerusi Lensa" (kategori staf)

